EXHIBIT 300   **CAPITAL ASSET PLAN AND BUSINESS CASE SUMMARY**

Exhibit 300: Capital Asset Plan and Business Case Summary
Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview (All Capital Assets)

1. Date of Submission: 2010-03-09 15:05:08

2. Agency: 007

3. Bureau: 57

4. Name of this Investment: GLOBAL BROADCAST SERVICE

5. Unique Project (Investment) Identifier: 007-57-05-12-01-0880-00

6. What kind of investment will this be in FY 2011?: Mixed Life Cycle
- Planning
- Full Acquisition
- Operations and Maintenance
- Mixed Life Cycle
- Multi-Agency Collaboration

7. What was the first budget year this investment was submitted to OMB? *

8. Provide a brief summary and justification for this investment, including a brief description of how this closes in part or in whole an identified agency performance gap; this description may include links to relevant information which should include relevant GAO reports, and links to relevant findings of independent audits.

Global Broadcast Service (GBS) provides worldwide, high-capacity, one-way transmission of video, imagery, and other large data files in support of joint military forces in garrison, in transit, and in theater using satellite technology. GBS augments existing military satellite communication systems; however combat operational experience in Operation Iraqi FREEDOM has shown that GBS can be the primary source of war fighter information for users (especially special operation forces). Using wireless GBS satellite receiver systems, military users afloat and ashore receive live and recorded video information, large data files such as weather maps and imagery, and services to perform their missions, while retaining mobility afforded by communication. The GBS system includes fixed and transportable transmit suites that collect information products from national and sources. The transmit suites assemble these information products into broadcasts that are transmitted over communication payloads on military and leased commercial satellite services. A GBS receive suite that is within the footprint of the GBS satellite beams receives the information products that are being broadcast and then information provided to local users. GBS is executing in accordance with the FY08 President's Budget which includes funding to meet all Operational Requirements Document (ORD) threshold requirements within the Acquisition Program Baseline (APB). GBS achieved a major program milestone when Air Force Space Command declared Initial Operational Capability (IOC) 1 for GBS on 12 December 2003. GBS also successfully completed Multiservice Operational Test & Evaluation (MOT&E) 1 and 2 in 1st Qtr FY06 and 3rd Qtr FY07 which provided operational proof of the Internet Protocol (IP) capabilities. Beyond Low Rate Initial Production (LRIP) was approved 13 April 2007 which allowed the continuation of production. IOC 2 /3 declaration was approved on 22 October 2008. In December 2006 the decision was made to transition current Satellite Broadcast Managers (SBM) to the Defense Information Systems Agency (DISA) Defense Enterprise Computing Center (DECC). The contract for this effort was awarded to Lockheed Martin on 15 May 2009. A Receive Suite production IDIQ contract for FY09 and FY10 procurement was awarded 30 September 09. A new IDIQ procurement contract will be competed in FY10 to procure new Joint Internet Protocol Modem (JIPM) baseline receive suites.

    a.**Provide here the date of any approved rebaselining within the past year, the date for the most recent (or planned)alternatives analysis for this investment, and whether this investment has a risk management plan and risk register.**

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9. Did the Agency's Executive/Investment Committee approve this request? *
   a. **If "yes," what was the date of this approval?** *

10. Contact information of Program/Project Manager?
   - **Name:** *
   - **Phone Number:** *
   - **Email:** *

11. What project management qualifications does the Project Manager have? (per FAC-P/PM)? *
   - Project manager has been validated according to FAC-PMPM or DAWIA criteria as qualified for this investment.
   - Project manager qualifications according to FAC-P/PM or DAWIA criteria is under review for this investment.
   - Project manager assigned to investment, but does not meet requirements according to FAC-P/OM or DAWIA criteria.
   - Project manager assigned but qualification status review has not yet started.
   - No project manager has yet been assigned to this investment.

12. If this investment is a financial management system, then please fill out the following as reported in the most recent financial systems inventory (FMSI):

Financial management system name(s)	System acronym	Unique Project Identifier (UPI) number
*	*	*

a. **If this investment is a financial management system AND the investment is part of the core financial system then select the primary FFMIA compliance area that this investment addresses (choose only one):** *
   - computer system security requirement;
   - internal control system requirement;
   - core financial system requirement according to FSIO standards;
   - Federal accounting standard;
   - U.S. Government Standard General Ledger at the Transaction Level;
   - this is a core financial system, but does not address a FFMIA compliance area;
   - Not a core financial system; does not need to comply with FFMIA

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Section B: Summary of Funding (Budget Authority for Capital Assets)

1.

Table 1: SUMMARY OF FUNDING FOR PROJECT PHASES (REPORTED IN MILLIONS) (Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)								
	PY1 and earlier	**PY 2009**	**CY 2010**	**BY 2011**	**BY+1 2012**	**BY+2 2013**	**BY+3 2014**	**BY+4 and beyond**	**Total**
Planning:	*	*	*	*	*	*	*	*	*
Acquisition:	*	*	*	*	*	*	*	*	*
Subtotal Planning & Acquisition:	*	*	*	*	*	*	*	*	*
Operations & Maintenance:	*	*	*	*	*	*	*	*	*
Disposition Costs (optional):	*	*	*	*	*	*	*	*	*
SUBTOTAL:	*	*	*	*	*	*	*	*	*
Government FTE Costs should not be included in the amounts provided above.								
Government FTE Costs	*	*	*	*	*	*	*	*	*
Number of FTE represented by Costs:	*	*	*	*	*	*	*	*	*
TOTAL(including FTE costs)	*	*	*	*	*	*	*	*	*

2. If the summary of funding has changed from the FY 2010 President's Budget request, briefly explain those changes:
*

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Section C: Acquisition/Contract Strategy (All Capital Assets)

1.

Table 1: Contracts/Task Orders Table											
Contract or Task Order Number	Type of Contract/Task Order (In accordance with FAR Part 16)	Has the contract been awarded (Y/N)	If so what is the date of the award? If not, what is the planned award date?	Start date of Contract/Task Order	End date of Contract/Task Order	Total Value of Contract/Task Order (M)	Is this an Interagency Acquisition? (Y/N)	Is it performance based? (Y/N)	Competitively awarded? (Y/N)	What, if any, alternative financing option is being used? (ESPC, UESC, EUL, N/A)	Is EVM in the contract? (Y/N)
FA8726-09-C-0006 - SBM DECC Transition	CPIF	Y	2009-05-15	2009-05-15	2011-12-30	$30.0	*	*	*	*	*
FA8726-09-D-0003 - FY09-10 Production	ID/IQ	Y	2009-09-30	2009-09-30	2010-09-30	$30.0	*	*	*	*	*

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:
*

3. Is there an acquisition plan which reflects the requirements of FAR Subpart 7.1 and has been approved in accordance with agency requirements? *
    a.**If "yes," what is the date?** *

1.

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Section D: Performance Information (All Capital Assets)

Table 1: Performance Information Table							
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
2009	Air Force Strategic Plan: Provide persistent situation awareness	*	*	Frequency & Depth: GBS coverage area includes Ka-band worldwide 65N to 65S coverage with commercial augmentation over the US.	Ka-band 65N to 65S with commercial Ku-band augmentation over CONUS.	Wideband Gapfiller satellites will supplement GBS worldwide coverage at X and Ka-bands.	WGS 1 is operational. WGS 2 and 3 will be launched in FY2009.
2009	Air Force Strategic Plan: Provide persistent situation awareness	*	*	# of Deployed Receive Suite units	~700	~700	2009 Production buy put in place.
2009	Air Force Strategic Plan: Provide persistent situation awareness	*	*	New Customers & Market Penetration: access to disadvantaged, disconnected and tactical users.	Suitcase Portable Receive Suites and Man packable Receive Suite at <30 pounds make the GBS broadcast available to dismounted soldiers and tactical units.	Rucksack-portable Receive Suite at or below 20 pounds are available for Special Operations and first-in forces.	RFP is currently out for review. Vendor feedback indicates that the 20 lb limit may be difficult to achieve.
2009	FISMA Compliance	*	*	Security: Network certified and terminal type certified for maximum consumer use.	Type I and Type II encryption fully approved and connected to diverse local area networks.	Type I, Type II, TS/SCI and protection from compromise of need-to-know access including operational, personnel, logistics and coalition content.	TBD
2009	Air Force Strategic Plan: Provide persistent situation awareness. Air Force Information Strategy: Knowledge is identified, captured and shared	*	*	Number of users transited from content staging to Power Publisher	Zero users transitioned	100% of funded users transitioned to new capability	AF weather has tested the use of Power publisher, with plans to go operational with in 2009.
2009	Air Force Strategic Plan: Provide persistent situation awareness	*	*	Netcentric certification of one system (GBS).	Zero netcentric certifications achieved	One system (GBS) achieving full netcentric certification	GBS has completed an ISP supporting its Net Centric certification.
2009	Air Force	*	*	User	GBS meets	GBS planned	GBS completed

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Table 1: Performance Information Table						
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	Strategic Plan: Provide persistent situation awareness			Requirements	Block II validated requirements per MOT&E 2 and IOC 2/3 declaration	product improvements directed at Block 3 system upgrade and performance improvements	MOT&E, and spiral 4B has gone operational. The program is now requesting IOC 2/3 declaration.
2009	Air Force Strategic Plan: Provide persistent situation awareness	*	*	Load Levels: Capable of supporting 600 MBps worldwide capacity	GBS used to carry16 x 24 MBps UHF Follow-on satellite transponders augmented by 2 Ku-band commercial transponders	GBS is installed with 1 GBps worldwide capacity supporting launch of WGS satellites 1,2 & 3	WGS 1 is currently operational. The launches of WGS 2 and 3 are planned for FY2009.
2009	Air Force Information Strategy: State of the Art Technology and Best Commercial Practices	*	*	Schedule	Award in 2009	DECC contract awarded.	TBD
2009	Air Force Strategic Plan: Provide persistent situation awareness	*	*	Communication flows into and out of the Tactical Satellite Broadcast Manager (TSBM).	TSBM functions and is authorized for use by the Army.	Theater injection point performs the required broadcast management functions in supporting combatant commander/Commander Joint Task Force/component smart-push and user-pull information needs using existing intra-theater communications.	TSBM currently participates in exercises, but does not have a full ATO yet.
2009	Air Force Information Strategy: Integrated global system	*	*	Number of theaters receiving WGS signals over GBS.	GBS users have access to WGS data rates only in the PACOM area.	Usage of WGS expanded to Centcom and Northcom theaters. Provide warfighters with continuous, highspeed, one-way flow of high-volume data and video information to deployed or garrisoned forces (MOT&E COI 1).	TBD
2010	FISMA. Air Force Information	*	*	Privacy: Information is restricted to the	Type II encryption: all content on the	Plan to meet IP Modem standard and	TBD

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Table 1: Performance Information Table							
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	Strategy: Foster Air Force Smart Operations across the Total Air Force (and other services).			communities of interest intended.	broadcast is protected from exploitation.	DoD 8581.1E TRANSEC protection from all exploitation	
2010	Air Force Strategic Plan: Provide persistent situation awareness	*	*	Increase the number of UAV feeds by using MPEG 4 compression	18 feeds to CENTCOM	Identify MPEG 4 solution with acceptable cost and performance.	TBD
2010	Air Force Strategic Plan: Provide persistent situation awareness	*	*	MTBF for RBM RT	1084 hours	>2000 hours	TBD
2010	Air Force Strategic Plan: Provide persistent situation awareness	*	*	Units delivered for testing.	NA	Rucksack portable in testing.	TBD
2010	Air Force Strategic Plan: Provide persistent situation awareness	*	*	Number of operational WGS satellites	As of Aug 30, 2009 there was only 1 WGS satellite used operationally by WGS.	Have operational broadcasts going over three WGS satellites.	
2011	FISMA Compliance	*	*	Fully certified and accredited suite of transmit/receive components	Transportable Satellite Broadcast Managers (TSBMs) Type Accredited with potentially obsolete OS for secure Warfighter use.	Transportable Satellite Broadcast Managers (TSBMs) Type Accredited with updated OS for secure Warfighter use.	
2011	Air Force Strategic Plan: Provide persistent situation awareness	*	*	Deployment to dismounted users	Receive Suites (RS) meet 80 lb two-person lift requirements.	Product line includes RS of smaller size and weight for Special Operations mission.	
2011	Air Force Strategic Plan: Provide persistent situation awareness	*	*	MTBF of Transportable Ground Receive Suite (TGRS) meets threshold requirements	Threshold mean time between failure (MTBF) of 2000 hours for legacy receive suites	New production terminals meet threshold MTBF of 2000 hours.	
2011	Air Force Information Strategy: State of the Art Technology and Best	*	*	Transition GBS broadcast from legacy Satellite Broadcast Manager (SBM) to new SBMs built on best commercial practices, i.e.,	Broadcast from three (3) Legacy SBM sites which are logistically supported	Broadcast from two (2) overall sites: a single new SBM with secondary site as backup.	

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Table 1: Performance Information Table							
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
				virtualization and consolidation, e.g. DISA Enterprise Computing Centers (DECC).			
2011	Air Force Strategic Plan: Provide persistent situation awareness	*	*	Two way capabilities built into the JIPM-enabled TGRS, enabling theatre injection from up to 200 networked terminals.	Two-way capability limited to a small number of terrestrial Return Channel Satellite (RCS) terminals. One-way receive capability in large number of legacy RS	JIPM-enabled TGRS equipped with two-way antenna and uses Direct Video Broadcast (DVB)-RCS return channels over Wideband Gap-filler System (WGS)	
2011	Strategic Goals: Provide persistent situational awareness	*	*	Numbers of Rucksack Portable Receive Suites (RPRS) deployed terminals	Deploy RPRS FY11-13	Deploy 33% of RPRS production	
2012	Air Force Strategic Plan: Provide persistent situation awareness	*	*	Theoretical number of UAV videos and other videos that the system can process and forward	GBS broadcasts a significant # of videos in 2009 (Exact number is sensitive)	Double the theoretical number of UAV videos and other videos that the system can process and forward	
2012	Air Force Strategic Plan: Provide persistent situation awareness	*	*	New numbers of TGRS deployed.	Mixed user base of TGRS and legacy terminals	Completion of FY11 purchase and start of FY12 purchase	
2012	Strategic Goals: Provide persistent situational awareness	*	*	Numbers of Rucksack Portable Receive Suites (RPRS) deployed terminals	Deploy RPRS FY11-13	Deploy 66% of RPRS production	
2012	Strategic Goals: Provide persistent situational awareness	*	*	Number of TSBMs upgraded for JIPM hub	Complete FY11 purchase and start FY12 purchase of retrofit kits	Complete FY12 purchase of retrofit kits	
2013	FISMA : Air Force Information Strategy: Foster AF Smart Operations across the Total Air Force (and other services)	*	*	JIPM Broadcast fully implemented and security improved thru TRANSEC	All terminals receive non-JIPM legacy broadcast	Complete transition within 5 years or less of initial broadcast, operate in dual broadcast mode in the interim	
2013	Air Force	*	*	Deployment to	Receive Suites	Deploy at least	

Table 1: Performance Information Table							
Fiscal Year	**Strategic Goal(s) Supported**	**Measurement Area**	**Measurement Grouping**	**Measurement Indicator**	**Baseline**	**Target**	**Actual Results**
	Strategic Plan: Provide persistent situation awareness			dismounted users	(RS) meet 80 lb two-person lift requirements.	130 Rucksack portable receive suites.	
2013	Air Force Strategic Plan: Provide persistent situation awareness	*	*	Pre-planned product improvements add capabilities such as 2 way and broadcast metrics. (assumes funding)	Not applicable	Pre-planned product improvements listed in the DECC RFP.	
2013	Strategic Goals: Provide persistent situational awareness	*	*	Numbers of Rucksack Portable Receive Suites (RPRS) deployed terminals	Deploy RPRS FY11-13	Deploy 100% of RPRS production	
2013	Strategic Goals: Provide persistent situational awareness	*	*	Number of TGRS deployed terminals	Complete FY12 purchase and start FY13 purchase of TGRS	Complete FY13 purchase of TGRS	
2013	Strategic Goals: Provide persistent situational awareness	*	*	Numbers of JIPM Retrofit kits deployed	Complete FY12 purchase and start FY13 purchase of retrofit kits	Complete FY13 purchase of retrofit kits	
2013	Strategic Goals: Provide persistent situational awareness	*	*	Number of TSBMs upgraded for JIPM hub	Complete delivery FY12 purchase	Complete fielding of capability	
2014	Strategic Goals: Provide persistent situational awareness	*	*	Number of TGRS deployed terminals	Complete FY13 purchase and start FY14 purchase of TGRS	Complete FY14 purchase of TGRS	
2014	Strategic Goals: Provide persistent situational awareness	*	*	Numbers of JIPM Retrofit kits deployed	Complete FY13 purchase and start FY14 purchase of retrofit kits	Complete FY14 purchase of retrofit kits	
2014	Strategic Goals: Sustain air, space and cyberspace capabilities	*	*	Sustain GBS operational capability at par with reliability metrics. Meet system specification for system availability	Broadcast available 99.0%	Broadcast available 99.99%	
2015	Strategic Goals: Provide persistent situational awareness	*	*	Number of TGRS deployed terminals	Complete FY14 purchase and start FY15 purchase of TGRS	Complete FY15 purchase of TGRS	
2015	Strategic Goals: Sustain air, space and	*	*	Sustain GBS operational capability at par	Broadcast available 99.0%	Broadcast available 99.99%	

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Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	cyberspace capabilities			with reliability metrics. Meet system specification for system availability			

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Part II: Planning, Acquisition And Performance Information

Section A: Cost and Schedule Performance (All Capital Assets)

1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline

Description of Milestones	Planned Cost ($M)	Actual Cost ($M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
Milestone II (DAE) - Partial Satellite Broadcast Manager capability Demonstrate smart push and user pull capability.	$51.9	$51.8	1996-10-01	1996-10-01	1997-12-30	1997-11-30	100.00%	100.00%
System Available for Operational Use - Independently assess system capabilities. Ground capability for operational use in support of on-orbit satellite resources.	$199.3	$194.4	1998-01-01	1997-12-01	2001-10-01	2001-10-01	100.00%	100.00%
Initial Operational Capability (IOC) - Full Satellite Broadcast Manager capability. Primary Injection Points operational on UFO 8, 9, 10. Personnel training in operations and maintenance of fielded equipment.	$57.2	$53.7	2001-11-01	2001-11-01	2003-09-01	2003-09-01	100.00%	100.00%
Beyond LRIP Review - Receive Suites available for procurement meet IOC 2/3 requirements. Tactically suitable Ground Receive Suite (two-person lift).	$81.5	$77.3	2003-09-01	2003-09-01	2006-12-01	2007-04-13	100.00%	100.00%

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1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline								
Description of Milestones	Planned Cost ($M)	Actual Cost ($M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
IOC 2&3 - Provide classified video capability. Remote Receive Suite enable/disable. Protect all information from exploitation.	$12.4	$15.0	2006-12-02	2007-04-14	2007-06-15	2008-10-22	100.00%	100.00%
SBM DECC Transition Contract Award - Contract awarded per the Satellite Broadcast Manager (SBM) Defense Enterprise Computing Center (DECC) Acquisition Strategy.	$21.8	$21.8	2007-06-15	2007-06-15	2009-05-15	2009-05-15	100.00%	100.00%
SBM DECC Transition Final Design Review - Final Design Review will be reached when the government approves the technical baseline.	$12.1	$12.1	2009-05-15	2009-05-15	2009-11-13	2009-11-13	100.00%	100.00%
SBM DECC Transition System Acceptance Test - System Acceptance Test will be complete when the government gives final approval to begin broadcasting using the DECC.	$31.6	$12.0	2009-11-01	2009-11-02	2010-09-30		40.00%	40.00%
NCTAMS SBM Transition to DECC - Reached when the DECC transition is finalized and	*	*	2010-10-01		2011-03-31		0.00%	0.00%

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	1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline							
Description of Milestones	Planned Cost ($M)	Actual Cost ($M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
the supportable and fully operational. The broadcast will then operate solely through the DECC and the NCTAMS will be no longer operational.								
SBM DECC Transition Operational Turnover - Reached when the DECC and the help desk are fully operational and supported by the Operations Community.	*	*	2011-04-01		2011-12-30		0.00%	0.00%

* - Indicates data is redacted.